



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

THE  
JOURNAL OF INFECTIOUS DISEASES

*The*  
Journal of Infectious Diseases

Published by the Memorial Institute for Infectious Diseases

EDITED BY

LUDVIG HEKTOEN AND EDWIN O. JORDAN

IN CONJUNCTION WITH

FRANK BILLINGS

F. G. NOVY

W. T. SEDGWICK

H. GIDEON WELLS

Volume 13

1913

Chicago, 1913

Composed and Printed By  
The University of Chicago Press  
Chicago, Illinois, U.S.A.

## TABLE OF CONTENTS.

NO. 1, JULY, 1913.

|  |         |
|--|---------|
| Avian Tuberculosis   |         |
| <i>Hastings, E. G., Halpin, J. G., and Beach, B. A.</i>  | 1-15    |
| The Quincy (Illinois) Typhoid Epidemic   |         |
| <i>Jordan, Edwin O., and Irons, Ernest E.</i>  | 16-29   |
| The Identity of <i>Entameba histolytica</i> and <i>Entameba tetragena</i> ,<br>with Observations upon the Morphology and Life Cycle of<br><i>Entameba histolytica</i> ( <i>with Plates 1 and 2</i> ) |         |
| <i>Craig, Charles F.</i>   | 30-52   |
| Investigations of the Etiology of Infectious Abortion of Mares and<br>Jennets in Kentucky  |         |
| <i>Good, Edwin S., and Corbett, Lamert S.</i>  | 53-68   |
| Serum Studies in Pneumonia. The Antigenic Properties of Fibrin<br>(Exudate) to Serum   |         |
| <i>Hartman, C. C.</i>  | 69-79   |
| A New Precision Syringe for the Accurate Injection of Small Quan-<br>tities: A Holder for Such Syringes and for Other Purposes   |         |
| <i>Terry, M. C.</i>  | 80-84   |
| A Contribution to the Botany of the Organism of Blastomycosis  |         |
| <i>Whitman, Ross C.</i>  | 85-95   |
| Concerning Natural Hemolysins in Rabbit Serum  |         |
| <i>Kolmer, John A., and Williams, William Whitridge</i>  | 96-102  |
| Some Immunity Reactions of Edestin. The Biological Reactions of<br>the Vegetable Proteins. III   |         |
| <i>White, Benjamin, and Avery, Oswald T.</i>   | 103-123 |
| The Rôle of <i>Staphylococcus</i> in Gonorrhea. Studies on the Gono-<br>coccus. II   |         |
| <i>Warden, Carl C.</i>   | 124-135 |
| Nitrite Destruction as a Presumptive Test for the Determination<br>of Water Pollution  |         |
| <i>Maltaner, Frank</i>   | 136-143 |
| Some Chemical Conditions Influencing Acid-Proofness and Non-<br>Acid-Proofness in a Saprophytic Culture of <i>B. tuberculosis</i>  |         |
| <i>Wherry, W. B.</i>   | 144-154 |

|   |         |
|---|---------|
| Further Studies on the Effects of Desiccation of the Virus of Rabies,<br>and the Use of this Material in Immunization |         |
| <i>Harris, D. L.</i> - - - - -  | 155-164 |
| The Effect of Quinine on Rabies in Dogs   |         |
| <i>Moon, Virgil H.</i> - - - - -  | 165-170 |

---

## NO. 2, SEPTEMBER, 1913.

|  |         |
|--|---------|
| Variation in Type of Infectious Disease as Shown by the History<br>of Smallpox in the United States, 1895-1912         |         |
| <i>Chapin, Charles V.</i> - - - - -  | 171-196 |
| Equine Piroplasmosis in Panama ( <i>with Plate 3</i> )   |         |
| <i>Darling, S. T.</i> - - - - -  | 197-202 |
| A Study of the Virus of Rabies, Freed from the Cells of the Host<br>and from Contaminating Organisms                   |         |
| <i>Poor, D. W., and Steinhart, Edna</i> - - - - -  | 203-231 |
| The Organism of Rabies and Experiments in Its Artificial Culti-<br>vation  |         |
| <i>Moon, Virgil H.</i> - - - - -   | 232-235 |
| The Relation of the Nitrates to the Putrescibility of Sewages  |         |
| <i>Lederer, Arthur</i> - - - - -   | 236-262 |
| Brilliant Green Broth as a Specific Enrichment Medium for the<br>Paratyphoid-Enteritidis Group of Bacteria             |         |
| <i>Torrey, John C.</i> - - - - -   | 263-272 |
| The Toxicity of Human Tonsils  |         |
| <i>Dick, George F., and Burmeister, W. H.</i> - - - - -  | 273-279 |
| A Spirochete Associated with Infections of the Accessory Sinuses   |         |
| <i>Tunnickliff, Ruth</i> - - - - -   | 280-282 |
| An Anaerobic Organism Associated with Acute Rhinitis   |         |
| <i>Tunnickliff, Ruth</i> - - - - -   | 283-288 |
| An Anaerobic Bacillus Isolated from a Case of Chronic Bronchitis   |         |
| <i>Tunnickliff, Ruth</i> - - - - -   | 289-293 |
| Studies on the Cultivation of the Virus of Vaccinia  |         |
| <i>Steinhart, Edna, Israeli, C., and Lambert, R. A.</i> - - - - -  | 294-300 |
| The Complement Fixation Test (Gay's Modification of the Besredka<br>Method) in the Differentiation of Acidfast Bacilli |         |
| <i>Harris, Wm. H., and Lanford, John A.</i> - - - - -  | 301-308 |
| The Treatment of Tetanus   |         |
| <i>McClintock, Charles T., and Hutchings, Willard H.</i> - - - - -   | 309-320 |

|  |         |
|--|---------|
| A Study of the Typhoid Colon Intermediate Group of Bacilli, with<br>Special Reference to Complement Fixation Reactions<br><i>Kolmer, John A., Williams, W. Whitridge, and Raiziss, Anna M.</i> | 321-349 |
|--|---------|

---

NO. 3, NOVEMBER, 1913.

|  |         |
|--|---------|
| On the Value of the "Abortin" as a Diagnostic Agent for Infectious<br>Abortion in Cattle<br><i>Meyer, K. F., and Hardenbergh, J. B.</i>  | 351-374 |
| The Production in Monkeys of Antibodies for Human Corpuscles<br><i>Hektoen, Ludvig</i>   | 375-377 |
| Report of Some Experimental Work on the Use of Methylene Blue<br>and Allied Dyes in the Treatment of Tuberculosis. Studies on<br>the Biochemistry and Chemotherapy of Tuberculosis. VII<br><i>DeWitt, Lydia M.</i> | 378-403 |
| The Effect of Meat and of Meat Extract Media upon the Fermenta-<br>tive Activity of Streptococci<br><i>Broadhurst, Jean</i>  | 404-407 |
| The Influence of Strychnin, Caffein, Chloral, Antipyrin, Cholesterol,<br>and Lactic Acid on Phagocytosis<br><i>Arkin, Aaron</i>  | 408-424 |
| Observations on the Relative Constancy of Ammonia Production by<br>Certain Bacteria. Studies in Bacterial Metabolism. X<br><i>Kendall, Arthur I., Day, Alexander A., and Walker, Arthur W.</i>                     | 425-428 |
| Report of a Case in Which the Fusiform Bacillus Was Isolated from<br>the Blood Stream<br><i>Larson, W. P., and Barron, Moses</i>   | 429-437 |
| Fusiform Bacilli: Cultural Characteristics<br><i>Krumwiede, Jr., Charles, and Pratt, Josephine S.</i>  | 438-441 |
| The Differentiation of Fecal Streptococci by Their Fermentative<br>Reactions in Carbohydrate Media<br><i>Fuller, C. A., and Armstrong, V. A.</i>   | 442-462 |
| Spirochaeta suis, Its Significance as a Pathogenic Organism.<br>Studies on Hog Cholera ( <i>with Plate 4</i> )<br><i>King, Walter E., and Hoffmann, George L.</i>  | 463-498 |
| The Antigenic Properties of the Constituents of the Pneumonic<br>Exudate. Serum Studies in Pneumonia. II<br><i>Hartman, C. C.</i>  | 499-509 |
| A Study of the Lesions Produced by <i>Bacillus proteus</i><br><i>Larson, W. P., and Bell, E. T.</i>  | 510-511 |
| SUBJECT INDEX  | 515-521 |
| INDEX OF AUTHORS   | 522-523 |

## ERRATA.

P. 146, l. 3, "0.1" should read "0.01."

P. 160, Chart 2, l. 4, "0.033 mg." should read "0.016."

P. 274, l. 17, "after incubating, 18-24 colonies" should read "after incubating 18-24 hours, colonies."

P. 276, l. 14, "inoculation" should read "influence."